Accessories for 2.921.1120

Below, the accessories are grouped into Scope of delivery and Optional accessories. Please keep this printout at hand for ordering replacement material. These lists may be subject to change.

Scope of delivery 2.921.1120

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Order no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pcs</td>
<td>1.921.0010</td>
<td>NIRS XDS Monochromator</td>
</tr>
</tbody>
</table>

The result of 50 years experience in the area of spectroscopy was incorporated in the development of this NIRSystems spectrometer. The unique technology improves the signal-noise ratio at high resolution and enhances accuracy and precision. The patented monochromator and the modular design of the measuring module system make NIRSystems instruments indispensable for the spectral measurement of every imaginable sample type in the visible and near-infrared wavelength range (400 - 2,500 nm). The measuring modules can be replaced without difficulty, even during operation. This means that the user profits from the great flexibility in all areas of application.

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Order no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pcs</td>
<td>1.921.0120</td>
<td>NIRS XDS RapidContent Solids Module</td>
</tr>
</tbody>
</table>

Rapid, nondestructive analyses of solid and liquid substances

The NIRS XDS RapidContent Analyzer enables rapid, nondestructive analyses of solid and liquid formulations and substances. The sample is centered with the aid of an iris, thus enhancing the reproducibility of the analysis. A gold diffuse reflector enables the measurement of liquid samples. The Solids Module of the NIRS XDS RapidContent Analyzer extends the area of application to include practically every form of solid samples, whether it be fine powders, coarse granulates, pellets or flakes.

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Order no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pcs</td>
<td>6.7400.000</td>
<td>NIRS XDS accessory kit</td>
</tr>
</tbody>
</table>

Accessory kit for NIRS XDS laboratory monochromators

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Order no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pcs</td>
<td>6.7402.040</td>
<td>NIRS XDS coarse granular sample cell</td>
</tr>
</tbody>
</table>

NIRS XDS coarse granular sample cell for the reflection measurement of samples with different surface properties.

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Order no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pcs</td>
<td>6.7410.000</td>
<td>NIRS XDS tray for reflection standard</td>
</tr>
</tbody>
</table>

A reflection standard is required for the calibration of the monochromator with the sample module. A holder in which the standard is positioned is used to fasten the calibration standard in place. A reflection standard and its associated holder are required for:

- NIRS XDS MultiVial Analyzer (order number: 29211210)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
Accessories for 2.921.1120

Below, the accessories are grouped into Scope of delivery and Optional accessories.

Please keep this printout at hand for ordering replacement material.

### Scope of delivery 2.921.1120

- NIRS XDS accessory kit
- Stopper for 6.7402.120
- NIRS XDS tray for reflection standard
- Disposable vials 28 mm Reflection
- NIRS gold diffuse reflector, 1 mm total pathlength
- Disposable vials 22 mm Reflection
- NIRS XDS Monochromator
- NIRS XDS Monochromator fan filter, 10 pcs.
- NIRS reflection standard, set of 2
- NIRS gold diffuse reflector, 4 mm total pathlength
- Stopper for 6.7402.140
- NIRS transflection vessel, optically flat
- NIRS reflection standard, set of 7
- NIRS XDS lab spare parts kit

### Optional accessories

- Vision Air 2.0 Complete
- Overview of the advantages of Vision Air:
  - Individual software applications with adapted user interfaces ensure intuitive and simple operation
  - Application for routine analysis
  - Application for instrument and data management
  - Simple configuration and updating of several devices in just a few steps
  - Application for rapid qualitative analysis
  - Application for a global instrument and data management
  - Overview of the advantages of Vision Air:
    - Application for routine analysis
    - Application for instrument and data management
  - Overview of the advantages of Vision Air:
    - Individual software applications with adapted user interfaces ensure intuitive and simple operation
    - Simple configuration and updating of several devices in just a few steps
  - Overview of the advantages of Vision Air:
    - Application for rapid qualitative analysis
    - Application for a global instrument and data management

### Additional Vision Air Complete solutions:

- 6.6072.207
- 66072210 (Vision Air Pharma Network Complete)
- 66072207 (Vision Air Network Complete)

### Other instruments:

- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS MultiVial Analyzer
- NIRS DS2500 Analyzer
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1110)
- NIRS XDS MasterLab Analyzer (order number: 2.921.131)
- NIRS XDS MultiVial Analyzer
- NIRS DS2500 Analyzer

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<table>
<thead>
<tr>
<th>1 pcs</th>
<th>6.7425.000</th>
<th>NIRS XDS iris</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Iris for focusing mini sample vessels, reflection standard, various vials or a transflection vessel in the NIRS XDS RCA Analyzer, the NIRS XDS MasterLab Analyzer and the NIRS XDS MultiVial Analyzer</td>
</tr>
</tbody>
</table>
## Optional accessories

<table>
<thead>
<tr>
<th>Order no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.6072.207</td>
<td>Vision Air 2.0 Network Complete</td>
</tr>
</tbody>
</table>

**Vision Air - Universal spectroscopy software.**

Vision Air Network is a modern and simple-to-operate software solution. The network version enables the structuring of a global server-client network with a central database.

Overview of the advantages of Vision Air:

- Individual software applications with adapted user interfaces ensure intuitive and simple operation
- Centralized data and instrument management
- Simple configuration and updating of several devices in just a few steps

The Vision Air Network Complete version (66072207) contains all applications for quality assurance using Vis-NIR spectroscopy:

- Application for a global instrument and data management
- Application for method development
- Application for routine analysis

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<table>
<thead>
<tr>
<th>Order no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.6072.208</td>
<td>Vision Air 2.0 Complete</td>
</tr>
</tbody>
</table>

**Vision Air - Universal spectroscopy software.**

Vision Air Complete is a modern and simple-to-operate software solution for use in a regulated environment.

Overview of the advantages of Vision Air:

- Individual software applications with adapted user interfaces ensure intuitive and simple operation
- Simple creation and maintenance of operating procedures
- SQL database for secure and simple data management

The Vision Air Complete version (66072208) includes all applications for quality assurance using Vis-NIR spectroscopy:

- Application for instrument and data management
- Application for method development
- Application for routine analysis

Additional Vision Air Complete solutions:

- 66072207 (Vision Air Network Complete)
- 66072209 (Vision Air Pharma Complete)
- 66072210 (Vision Air Pharma Network Complete)
Accessories for 2.921.1120

Below, the accessories are grouped into Scope of delivery and Optional accessories.

### Scope of delivery

- **6.7410.000**
  - NIRS gold diffuse reflector, 4 mm total pathlength

- **6.7420.000**
  - Disposable vials 22 mm Reflection
  - Disposable vials 15 mm Reflection

- **6.7430.000**
  - NIRS mini sample cups, 10 pcs. including 100 disposable backs

- **6.7450.000**
  - Cleaning cloth for monitors and optics.

### Optional accessories

- **6.7400.010**
  - NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1110)

- **6.7402.120**
  - NIRS XDS MultiVial Analyzer

- **6.7402.130**
  - Stopper for 6.7402.130

- **6.7402.140**
  - NIRS XDS lab spare parts kit

- **6.7402.210**
  - Iris for focusing mini sample vessels, reflection standard, various vials or a transflection vessel in the surface properties.

- **6.7402.210**
  - Iris for focusing mini sample vessels, reflection standard, various vials or a transflection vessel in the surface properties.

- **6.6072.208**
  - The Vision Air Network Complete version (66072207) contains all applications for quality assurance using Vis-NIR spectroscopy:
    - Application for method development
    - Application for routine analysis

- **6.6072.209**
  - The Vision Air Pharma Complete version (66072209) contains all applications for quality assurance using Vis-NIR spectroscopy:
    - Application for method development
    - Application for routine analysis

### Vision Air 2.0 Pharma Complete

**6.6072.209**

Vision Air - Universal spectroscopy software.

Vision Air Pharma Complete is a modern and simple-to-operate software solution for use in regulated environments.

Overview of the advantages of Vision Air:

- Individual software applications with adapted user interfaces ensure intuitive and simple operation
- Simple creation and maintenance of operating procedures
- SQL database for safe and simple data management
- In compliance with all requirements pursuant to Title 21 CFR Part 11

The Vision Air Pharma Complete version (66072209) contains all applications for quality assurance using Vis-NIR spectroscopy:

- Application for instrument and data management
- Application for method development
- Application for routine analysis

### Vision Air 2.0 Pharma Network Complete

**6.6072.210**

Vision Air - Universal spectroscopy software.

Vision Air Pharma Network Complete is a modern and simple-to-operate software solution. The network version enables the setup of a global server-client network with a central database.

Overview of the advantages of Vision Air:

- Individual software applications with adapted user interfaces ensure intuitive and simple operation
- Centralized data and instrument management
- Simple configuration and updating of several instruments in just a few steps
- In compliance with all requirements pursuant to Title 21 CFR Part 11

The Vision Air Pharma Network Complete version (66072210) contains all applications for quality assurance using Vis-NIR spectroscopy:

- Application for a global instrument and data management
- Application for method development
- Application for routine analysis

### NIRS Liquid Sample Kit Transfection

**6.7400.010**

The NIRS Liquid Sample Kit Transfection supplements the following instruments with the function of the transflection measurement of liquids:

- NIRS DS2500 Analyzer (order number: 2.922.0010)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)
### 6.7401.000 NIRS transflection vessel, optically flat

Optically flat transflection vessel for the spectral measurement of liquids. Can be used in combination with the following instruments:

- NIRS DS2500 Analyzer (order number: 2.922.0010)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)

### 6.7402.020 NIRS disposable backs for 6.7402.030, 100 pcs.

The disposable backs are used for the secure sealing of the mini sample cups. The sample cups are used in the following:

- NIRS DS2500 Analyzer (order number: 2.922.0010)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS RCA Analyzer (order number: 2.921.1110)
- NIRS XDS MultiVial Analyzer (order number: 2.921.1210)

The package is comprised of 100 disposable backs.

### 6.7402.030 NIRS mini sample cups, 10 pcs. including 100 disposable backs

Mini sample cup for the spectral recording of powders and granulates in reflection. The sample cup can be sealed with disposable backs in order to avoid sample loss and for the uniform distribution of the powder or granulate in the sample cup.

The sample cups are used with the following instruments:

- NIRS DS2500 Analyzer (order number: 2.922.0010)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)

### 6.7402.110 Disposable vials 15 mm Reflection

123 lockable disposable glass vials with a diameter of 15 mm for analysis of solids in reflection. Suitable for the following analyzers:

- NIRS DS2500 Analyzer
- NIRS XDS RapidContent (Solid) Analyzer
- NIRS XDS MultiVial Analyzer
- NIRS XDS Masterlab Analyzer

### 6.7402.120 Disposable vials 19 mm Reflection

225 lockable disposable glass vials with a diameter of 19 mm for analysis of solids in reflection. Suitable for the following analyzers:

- NIRS DS2500 Analyzer
- NIRS XDS RapidContent (Solid) Analyzer
- NIRS XDS MultiVial Analyzer
- NIRS XDS Masterlab Analyzer
Accessories for 2.921.1120

Below, the accessories are grouped into Scope of delivery and Optional accessories.

Scope of delivery

- 6.7402.130 Disposable vials 22 mm Reflection
  172 lockable disposable glass vials with a diameter of 22 mm for analyses of solids in reflection. Suitable for the following analyzers:
  - NIRS DS2500 Analyzer
  - NIRS XDS RapidContent (Solid) Analyzer
  - NIRS XDS MultiVial Analyzer
  - NIRS XDS MasterLab Analyzer

- 6.7402.140 Disposable vials 28 mm Reflection
  216 lockable disposable glass vials with a diameter of 28 mm for analyses of solids in reflection. Suitable for the following analyzers:
  - NIRS DS2500 Analyzer
  - NIRS XDS RapidContent (Solid) Analyzer
  - NIRS XDS MultiVial Analyzer
  - NIRS XDS MasterLab Analyzer

Optional accessories

- 6.7402.200 Stopper for 6.7402.110
  123 stoppers for 15 mm Reflection disposable vials.

- 6.7402.210 Stopper for 6.7402.120
  225 stoppers for 19 mm Reflection disposable vials.

- 6.7402.220 Stopper for 6.7402.130
  172 stoppers for 22 mm Reflection disposable vials.

- 6.7402.230 Stopper for 6.7402.140
  216 stoppers for 28 mm Reflection disposable vials.
## 6.7420.000 NIRS gold diffuse reflector, 1 mm total pathlength

Gold diffuse reflector for the transflection measurement of liquids. Can be used in combination with the following instruments:

- NIRS DS2500 Analyzer (order number: 2.922.0010)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)

## 6.7420.010 NIRS gold diffuse reflector, 2 mm total pathlength

Gold diffuse reflector for the transflection measurement of liquids. Can be used in combination with the following instruments:

- NIRS DS2500 Analyzer (order number: 2.922.0010)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)

## 6.7420.020 NIRS gold diffuse reflector, 4 mm total pathlength

Gold diffuse reflector for the transflection measurement of liquids. Can be used in combination with the following instruments:

NIRS DS2500 Analyzer (order number: 2.922.0010)
NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)

## 6.7430.000 NIRS XDS lab spare lamp

Spare lamp with 12 V and 50 W for the monochromator of the NIRS XDS laboratory instruments

## 6.7430.010 NIRS XDS lab spare parts kit

NIRS XDS lab spare parts kit
<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.7430.020</td>
<td>NIRS XDS Monochromator fan filter, 10 pcs.</td>
</tr>
<tr>
<td></td>
<td>Ten NIRS XDS fan filters for the monochromator</td>
</tr>
<tr>
<td>6.7430.060</td>
<td>Micro Fiber Cleaning Cloth</td>
</tr>
<tr>
<td></td>
<td>Cleaning cloth for monitors and optics.</td>
</tr>
<tr>
<td>6.7450.000</td>
<td>NIRS reflection standard, set of 2</td>
</tr>
<tr>
<td></td>
<td>Set of wavelength standard and 80% reflection standard for the calibration of</td>
</tr>
<tr>
<td></td>
<td>an NIRS XDS MasterLab Analyzer, NIRS XDS RCA Analyzer, NIRS XDS MultiVial</td>
</tr>
<tr>
<td></td>
<td>Analyzer, NIRS XDS SmartProbe Analyzer, NIRS XDS Interactance OptiProbe</td>
</tr>
<tr>
<td></td>
<td>Analyzer and NIRS DS2500 Analyzer.</td>
</tr>
<tr>
<td>6.7450.010</td>
<td>NIRS reflection standard, set of 7</td>
</tr>
<tr>
<td></td>
<td>Set comprised of six reflection standards and one wavelength standard for the</td>
</tr>
<tr>
<td></td>
<td>calibration of an NIRS XDS MasterLab Analyzer, NIRS XDS RCA Analyzer, NIRS</td>
</tr>
<tr>
<td></td>
<td>XDS MultiVial Analyzer, NIRS XDS SmartProbe Analyzer, NIRS XDS Interactance</td>
</tr>
<tr>
<td></td>
<td>OptiProbe Analyzer and NIRS DS2500 Analyzer in regulated environments.</td>
</tr>
</tbody>
</table>